Maximum Permissible Exposure(MPE) evaluation

March 9, 2026

- Band = Auction110_ANT 1
- Transmitting frequency = 3450 MHz ~ 3550 MHz
- Min. test separation distance = 3600 mm
- Max. Antenna Gain = 17 dBi
- Max. power with turn-up tolerance = 35.00 dBm = 3162.3 mW

$S = P G / (4 R^2 \pi)$, mW/cm^2

S = Maximum power density
P = Maximum power with turn-up tolerance
G = Numeric power gain of the antenna
R = Distance from transmitting antenna

$= 0.097317 \ mW/cm^2$

Conclusion: The exposure condition of this device is compliant with FCC rules.

The limit for maximum permissible exposure = 1.000000 mW/cm^2

Maximum Permissible Exposure(MPE) evaluation

March 9, 2026

- Band = Auction110_ANT 2
- Transmitting frequency = 3450 MHz ~ 3550 MHz
- Min. test separation distance = 3600 mm
- Max. Antenna Gain = 17 dBi
- Max. power with turn-up tolerance = 35.00 dBm = 3162.3 mW

$S = P G / (4 R^2 \pi)$, mW/cm^2

S = Maximum power density
P = Maximum power with turn-up tolerance
G = Numeric power gain of the antenna
R = Distance from transmitting antenna

= 0.097317 mW/cm^2

Conclusion: The exposure condition of this device is compliant with FCC rules.

The limit for maximum permissible exposure = 1.000000 mW/cm^2

Maximum Permissible Exposure(MPE) evaluation

March 9, 2026

- Band = Auction110_MIMO
- Transmitting frequency = 3450 MHz ~ 3550 MHz
- Min. test separation distance = 3600 mm
- Max. Array Antenna Gain = 20 dBi
- Max. power with turn-up tolerance = 38.00 dBm = 6309.6 mW

$S = P G / (4 R^2 \pi)$, mW/cm^2

S = Maximum power density
P = Maximum power with turn-up tolerance
G = Numeric power gain of the antenna
R = Distance from transmitting antenna

= 0.387424 mW/cm^2

Conclusion: The exposure condition of this device is compliant with FCC rules.

The limit for maximum permissible exposure = 1.000000 mW/cm^2